Manufacturers of NEMA4X Cold Aisle Communication Cabinets



Overview

Inventronics | NEMA 4 / 4x Cabinets & EnclosuresNEMA 4x enclosures are finished with 304 stainless steel and are available in 316 stainless steel for speci.

Key Takeaways

Leading manufacturers of NEMA 4X cold aisle communication cabinets include Inventronics, Armagard, Nema Enclosures, Vililong, and AZE, offering durable, corrosion-resistant, and customizable solutions for industrial and data center environments.

Key Manufacturers

Inventronics produces NEMA 4/4X cabinets suitable for indoor and outdoor use, including wall-mount, pole-mount, and free-standing models. Their enclosures are made from 304 or 316 stainless steel, providing high resistance to water, dust, and corrosive conditions, ideal for control or data room applications in harsh environments (Inventronics),. Armagard offers waterproof NEMA 4X enclosures for PCs and monitors, including hygienic and stainless steel options.

Their products are designed to withstand daily cleaning, liquids, dust, and accidental damage, making them suitable for industrial and food processing environments (DirectIndustry),. Nema Enclosures specializes in custom and standard industrial NEMA enclosures, including 304 and 316L stainless steel, powder-coated carbon steel, and aluminum. They provide extensive customization, certifications (UL, C-UL, ATEX, IECEx), and low-volume, high-mix production, making them suitable for precise cold aisle or telecom cabinet requirements (Nema Enclosures),.

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Vililong manufactures NEMA 4X stainless steel enclosures for extreme conditions, including marine, chemical processing, and pharmaceutical applications. They offer full OEM/ODM customization, in-house sheet metal fabrication, and strict quality control to ensure reliable performance in demanding environments (Vililong),.

AZ

E provides outdoor and telecom NEMA 4X cabinets with corrosion resistance, robust construction, and integrated thermal management. Their enclosures are designed for harsh outdoor environments, 5G infrastructure, fiber optic networks, and energy storage systems, with options for air conditioning and temperature control (AZE),.

Considerations for Selection

Material: Stainless steel (304 or 316) for corrosion resistance; powder-coated steel or aluminum for cost-effective options. Customization: Door configurations, racking rails, cutouts, and OEM/ODM options. Certifications: UL, C-UL, ATEX, IECEx for compliance with regional and industrial standards.

Environmental Protection: NEMA 4X ensures protection against water, dust, and corrosive elements, suitable for cold aisle or outdoor telecom applications. Thermal Management: Some manufacturers offer integrated air conditioning or heat exchangers for temperature-sensitive equipment. These manufacturers provide a range of standard and custom NEMA 4X cold aisle communication cabinets suitable for industrial, data center, and telecom applications, ensuring durability, compliance, and protection in harsh environments.

Article Content

Inventronics | NEMA 4 / 4x Cabinets & Enclosures

NEMA 4x enclosures are finished with 304 stainless steel and are available in 316 stainless steel for specialized orders. Inventronics has been manufacturing quality cabinets that look good, are

Communication Enclosures

We design and manufacture UL-listed telecom cabinets that meet all National Electrical Manufacturers Association (NEMA) standards for safety, performance

NEMA 4X Enclosure | NEMACO™

American made with smooth-ground welds and precision fabrication, these enclosures support optional closed-loop A/C units or filtered fan systems, with

NEMA 4X Enclosures for the Telecommunications Industry

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DDB Unlimited''s NEMA 4X Enclosures are meticulously engineered to meet the rigorous demands of the telecommunications industry, providing unmatched protection for sensitive and critical equipment.

NEMA 4X Enclosure Manufacturer | DDB Unlimited®

NEMA 4X Enclosure and Cabinet Manufacturer. Indoor and outdoor enclosures for Telecommunication, Aerospace, Green Energy, Oil Gas and Utilities markets.

Data Center Racks, Cabinets & Containment | AMCO

AMCO Enclosures designs and manufactures high-quality server racks, electronic cabinets, and data center containment systems built for strength, performance,

NEMA-Rated Enclosures | Vililong

NEMA-Rated Enclosures Manufacturer We manufacture high-quality NEMA-rated enclosures designed to protect electrical components from dust, water,

Telecom and Network Equipment Cabinets and Racks

Our cabinets can be fitted with or without climate control and are engineered for efficiency, offering precise temperature regulation to prevent overheating.

Ice Qube, Inc.

Our enclosure/cabinet/rack solutions comprise of two categories: IndustriQUBE ® for the industrial marketplace and NetworkQUBE ® for the telecom and network

NEMA 4X Enclosures

Available in four sizes, the OCC NEMA 4X Enclosures are indoor/outdoor rated cabinets for patching and/or splicing 12 to 96 fiber ports. Constructed of molded fiberglass-reinforced polyester material,

The Ultimate Guide to Outdoor Communication Cabinets for

Outdoor communication cabinets use temperature regulation mechanisms, such as fans, ventilation systems, and insulation, to prevent overheating or extreme cold. Thermoelectric cooler

NEMA 4X Outdoor Enclosures | NEMA 4X Server Cabinets | Outdoor

NEMA 4X Integrated Outdoor Telecom Cabinet enclosure with Air Conditioner (with sandwich panel double-wall structure design) is mainly used for wireless communication base station to house a

Telecom and Network Equipment Cabinets and Racks

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ICEqube delivers industry-leading NEMA Cabinets and Racks designed to safeguard critical rack-mount equipment and batteries. With advanced

Chatsworth Products

Cabinets & Containment: Aisle Containment CPI Aisle Containment Solutions are flexible, feature-rich products for both hot and cold aisle containment that offers superior airflow management, resulting in

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NEMA 4X enclosure, NEMA 4X box

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NEMA 4 | Climate Controlled Enclosures | Hardcraft

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